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P 031510Z OCT 68

FM NPIC WASHDC

TO RUCSAAA/SAC OFFUTT AFB OMAHA NEB

RUCSAAA/544TH ARTW OFFUTT AFB OMAHA NEB

RUCFLGA/100TH SRW OL 19 MCCOY AFB FLA

RUWJDBA/100TH SRW DAVIS MONTHAN AFB ARIZ

RUEBJRA/NAVRECONTECHSUPPCEN SUITLAND MD

RUEAIIA/CIA WASH DC

RUEOJFA/DIA

RUWBKNA/15TH AF MARCH AFB RIVERSIDE CALIF

RUEFHQA/HQS USAF

RUWTMDJ/WRAMA/WRNWA ROBBINS AFB GA

BT

S E C R E T CITE NPIC 4709.

SAC FOR DIR, DOSR, DISD; 15TH AF FOR DI, DO; 100TH SRW FOR CO, DCOI; HQ USAF FOR AFRDR [REDACTED] DIA FOR DIAXX-2.

FROM NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER.

SUBJECT: EVALUATION OF "B" TEST NUMBER 3

1. QUALITY SUMMARY: THE OVERALL IMAGE QUALITY IS COMPARABLE TO THAT OF "B" TEST NUMBER 2; HOWEVER, THE IMAGE QUALITY IS MORE

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SISTENT THAN ON TEST NUMBER 2. CLOUD COVER AND HAZE PRECLUDE VALID CONCLUSIONS AS TO IMAGE QUALITY IMPROVEMENT DUE TO THE USE OF THE LIQUID MOUNTS. THE GROUND RESOLUTION AND INTERPRETABILITY ARE GOOD WHERE NOT DEGRADED BY ATMOSPHERICS. CLOUD COVER AND HAZE SCORE APPROXIMATELY 70 PERCENT OF THE ENTIRE MISSION.

2. MISSION DATA:

A. THE STANDARD "B" CONFIGURATION CAMERA, UNIT NUMBER 10 USED IN THIS MISSION, FLOWN 20 SEPTEMBER 1968. MODE 5 WAS USED THROUGHOUT. THIS MISSION WAS FLOWN WITH THE NEW CAMERA MOUNTS.

B. FILM TYPE 3400 WAS USED THROUGHOUT THE MISSION WITH A CAMERA EXPOSURE OF 1/250 AT F10. PROCESSING WAS ACCOMPLISHED BY THE NAV RECON TECH SUPPCEN.

3. ORIGINAL NEGATIVE:

A. EXPOSURE: THE EXPOSURE IS ADEQUATE THROUGHOUT THE MISSION.

B. DENSITY AND CONTRAST: THE DENSITY AND CONTRAST ARE WHEN NOT AFFECTED BY CLOUDS AND HAZE.

C. IMAGE DEGRADATIONS:

(1) 9R SIDE: A MINUS DENSITY AREA IN THE SHAPE OF A SEMI-CIRCLE, 1.0 INCH LONG IS IMAGED ADJACENT TO THE DATA CHAMBER THROUGHOUT THE MISSION. FOG IS PRESENT AT THE OUT-

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BOARD EDGE OF EACH FRAME THROUGHOUT THE MISSION. OCCASIONALLY, THE FOG PATTERNS INTRUDE APPROXIMATELY 0.25 INCH INTO THE ACTIVE FORMAT AREA.

(2) 9L SIDE: FINE HAIRLIKE MINUS DENSITY LINES ARE PRESENT IN FRAME 161.

(3) BOTH SIDES: INBOARD AND OUTBOARD ROLLER CHATTER IS PRESENT THROUGHOUT THE MISSION. PLUS DENSITY LINES, PARALLEL TO THE FILM EDGES ARE PRESENT APPROXIMATELY 0.06 INCHES FROM BOTH FORMAT EDGES IN ALL FRAMES.

D. PHYSICAL DEGRADATIONS:

30 Oct 68 15 35z

out 66062

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downgrading and
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(1) 9R SIDE: A MANUFACTURER'S SPLICE IS PRESENT BETWEEN FRAMES 1606/1607. A HEAT SPLICE IS LOCATED IN FRAME 1147. THERE IS AN EMULSION LIFT IN FRAME 455.

(2) 9L SIDE: MANUFACTURER'S SPLICES ARE PRESENT ON FRAMES 161 AND 2132. A HEAT SPLICE IS LOCATED ON FRAME 1072. PINHOLES ARE PRESENT INTERMITTENTLY THROUGHOUT THE MISSION.

E. AUXILIARY DATA: THE COUNTER HELD A MINUS ONE BIAS UNTIL TITLED FRAME 2332. THE COUNTER SKIPPED 2332 AND CORRELATED WITH THE REMAINING TITLED FRAME NUMBERS TO THE END OF THE MISSION.

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F. THE LAST TITLED FRAME IS 2333, COUNTER NUMBER 2333.

4. POSITIVES:

THE PRINTING AND PROCESSING ARE GOOD.

GP-1

S E C R E T

END OF MESSAGE